

AMENDMENTS TO THE CLAIMS:

Kindly amend claim 3, and add new claim 4, as shown below.

This listing of claims will replace all prior versions and listings of claims in the
Application:

Claim 1 (original). A noncontact conductivity measuring instrument using a microwave, the noncontact conductivity measuring instrument characterized by including:

an oscillator which performs oscillation of the microwave;

a circulator which is connected to the oscillator;

a horn antenna which is connected to the circulator, the horn antenna transmitting the microwave to a sample and receiving a reflected wave;

a detector which is connected to said circulator, the detector outputting a voltage proportional to a square of magnitude of the received microwave; and

computing means for inputting said voltage to compute conductivity.

Claim 2 (original). A noncontact conductivity measuring instrument according to claim 1, characterized in that said circulator is in contact with the oscillator through an isolator.

Claim 3 (currently amended). A noncontact conductivity measuring instrument according to ~~claims 1 or 2~~claim 1, characterized in that a frequency of the microwave oscillating in said oscillator is 94 GHz when a silicon wafer is measured.

Claim 4 (new). A noncontact conductivity measuring instrument according claim 2, characterized in that a frequency of the microwave oscillating in said oscillator is 94 GHz when a silicon wafer is measured.

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